

FIG. 1

09975036-101001

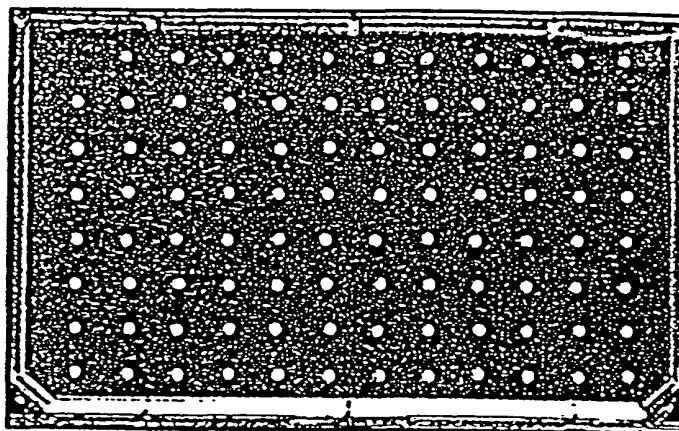


FIG. 2

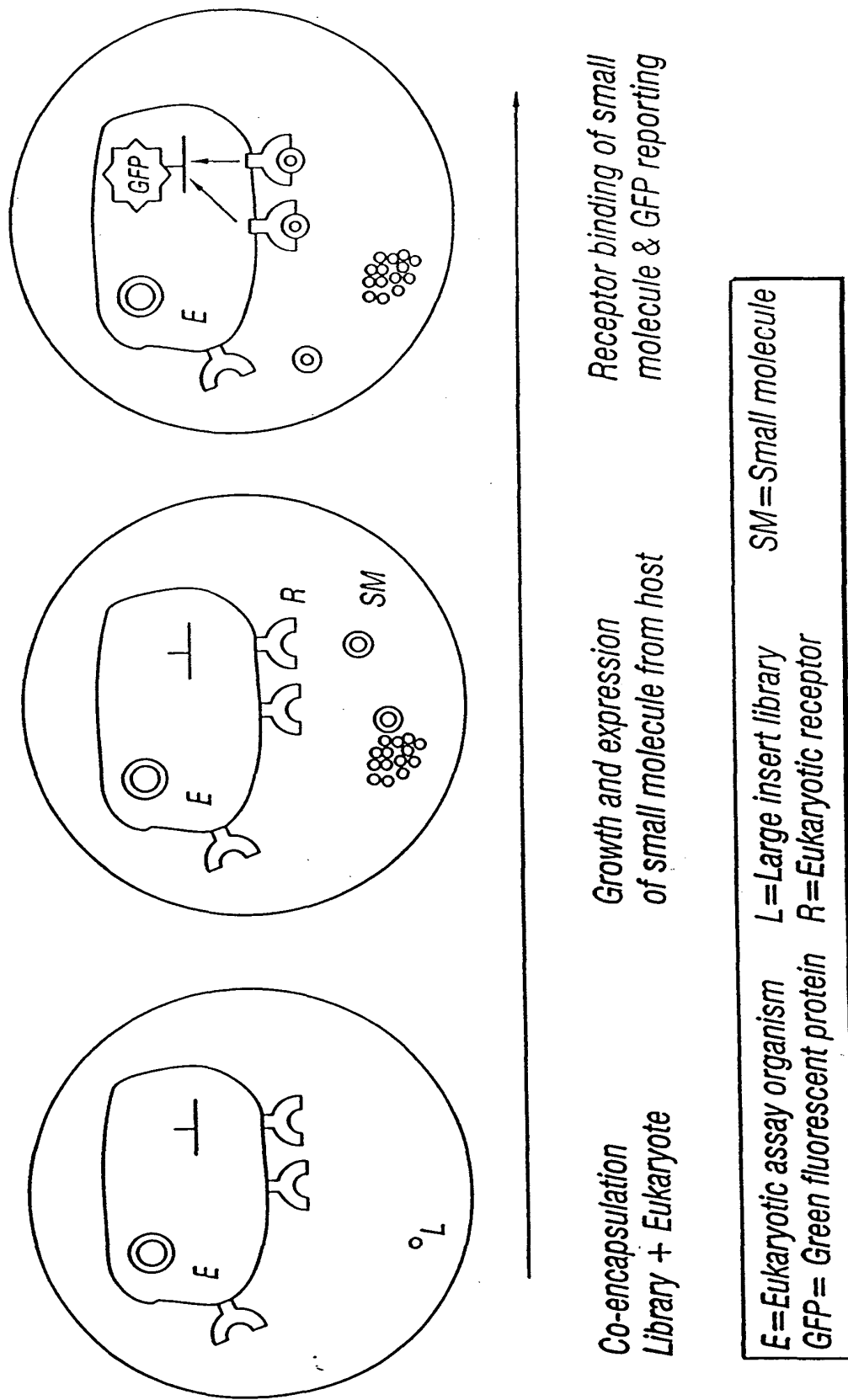


FIG. 3

FOOTNOT*9E054660

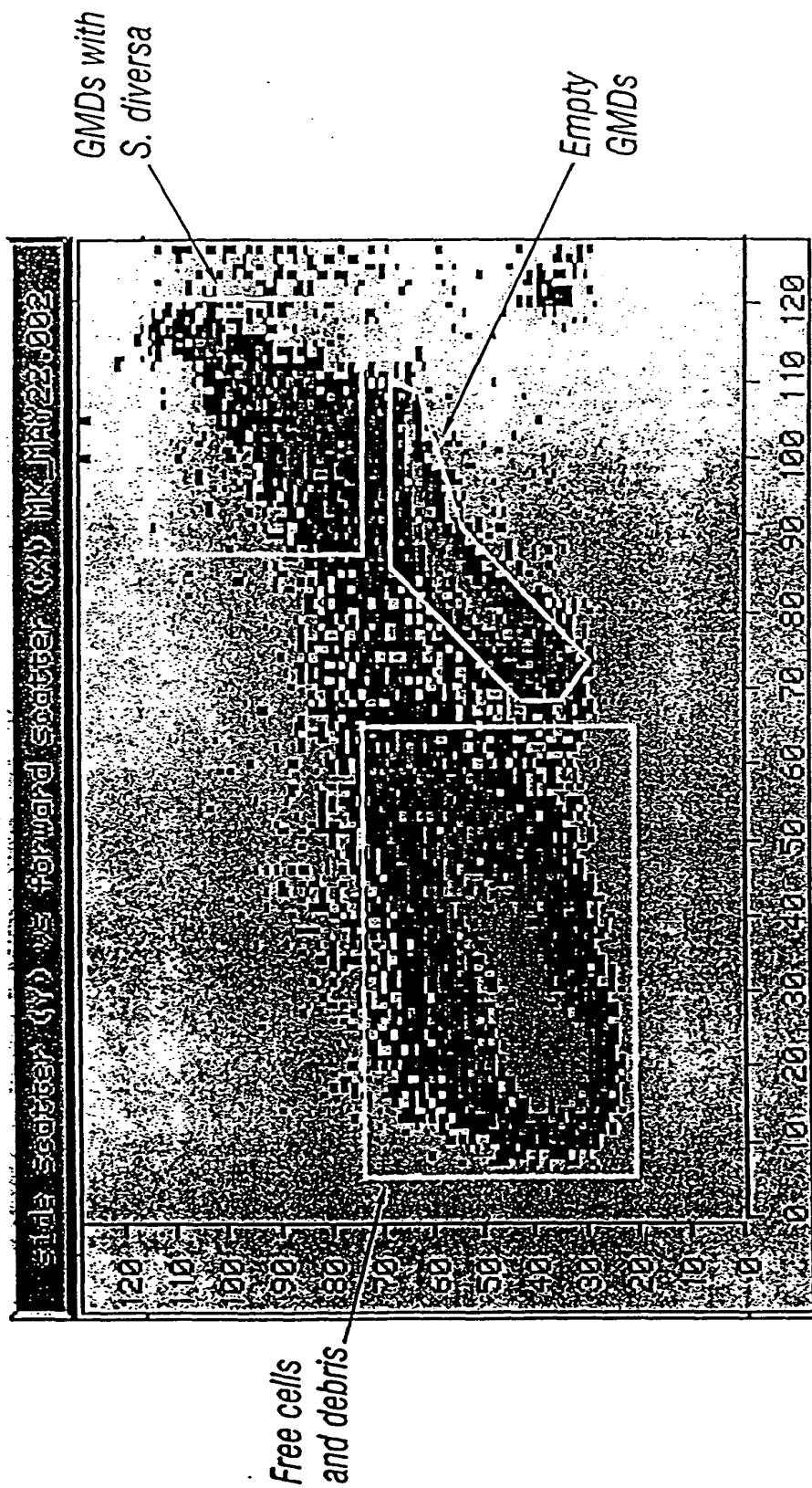


FIG. 4

Whole Cell Hybridization Protocol (+ control)

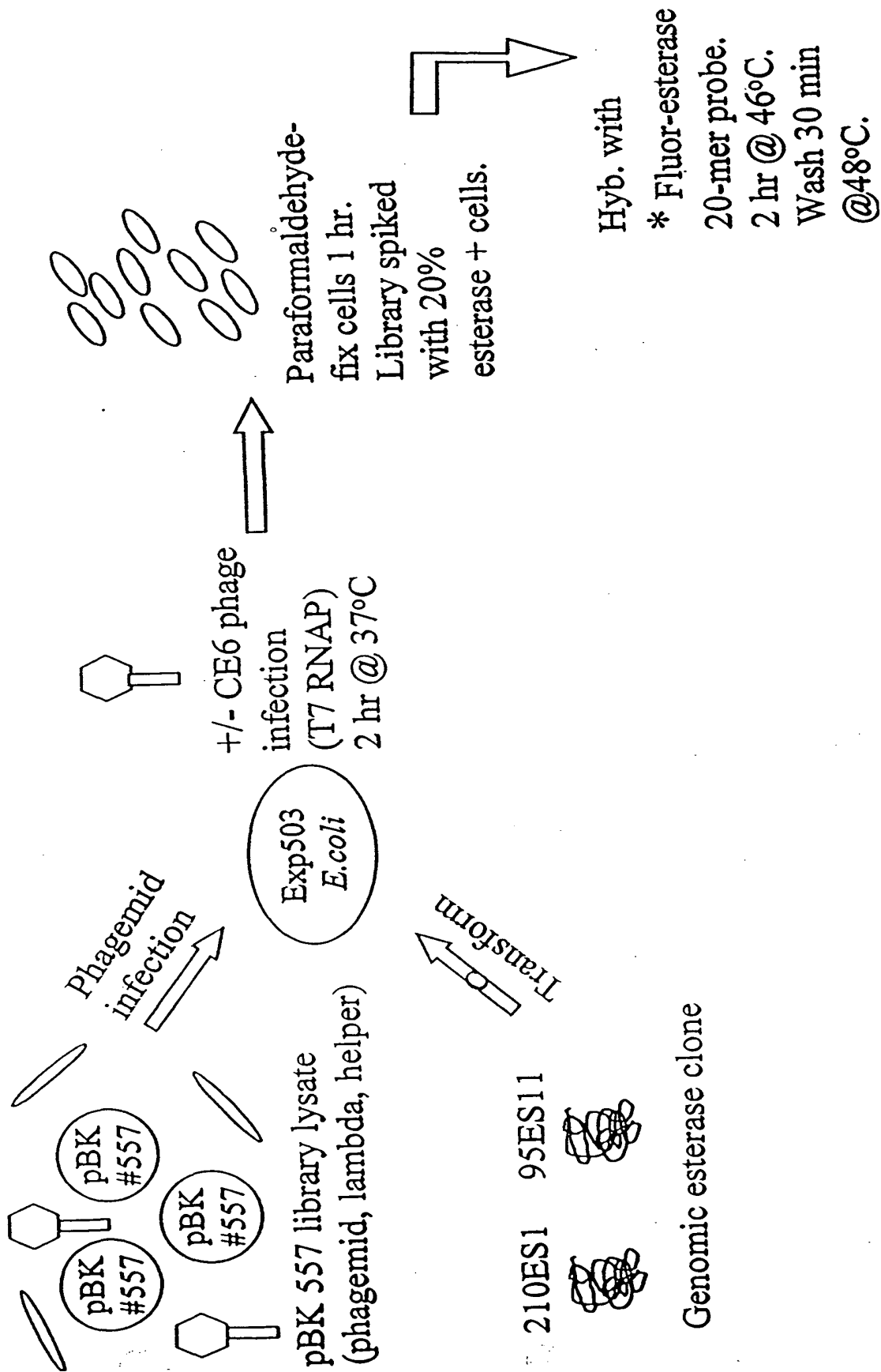


Fig. 5

09975036-101001

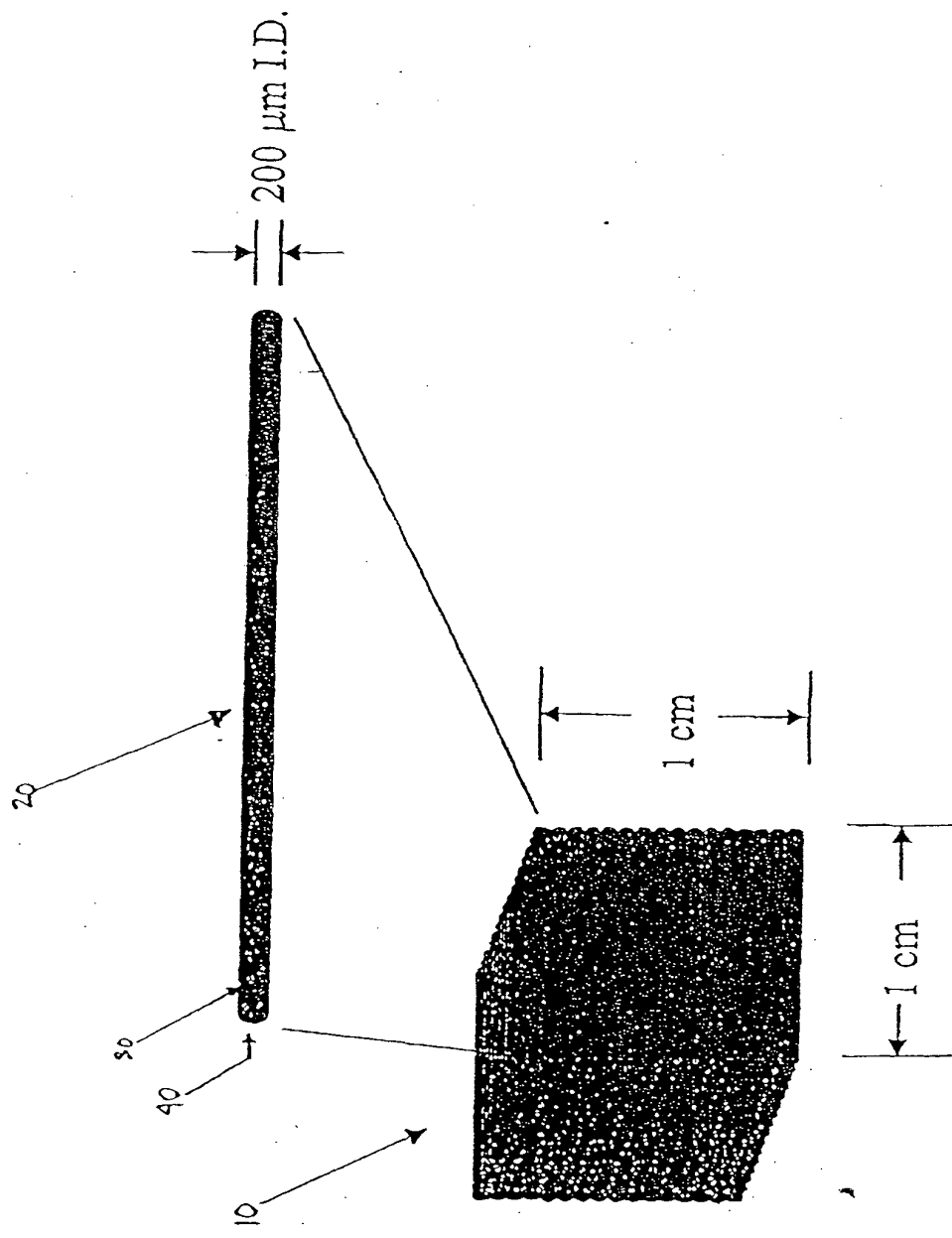


Figure 6A

09975036-101001

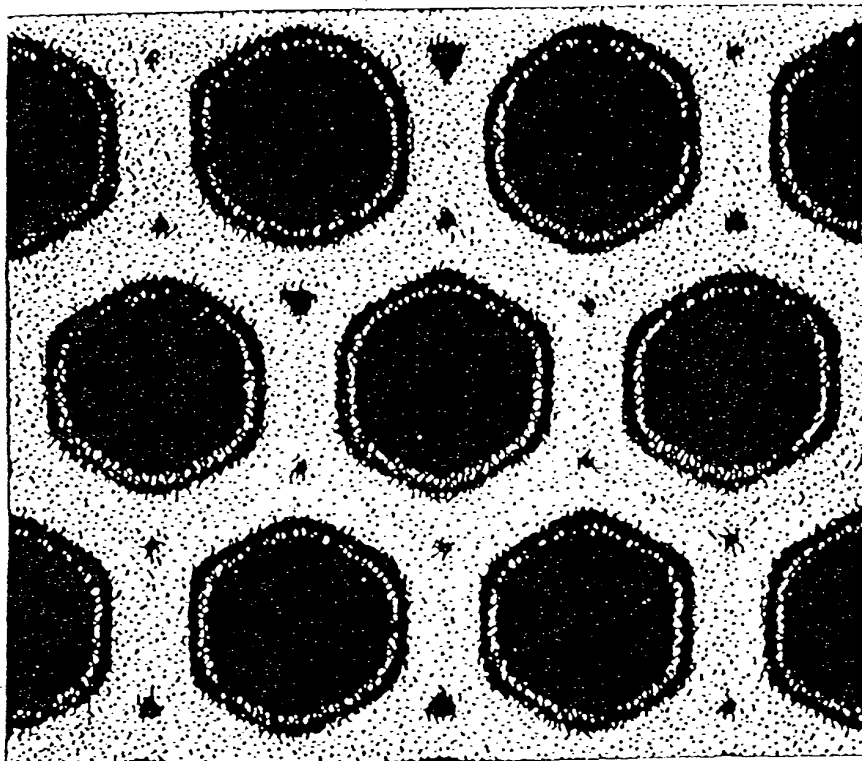


Figure
6B

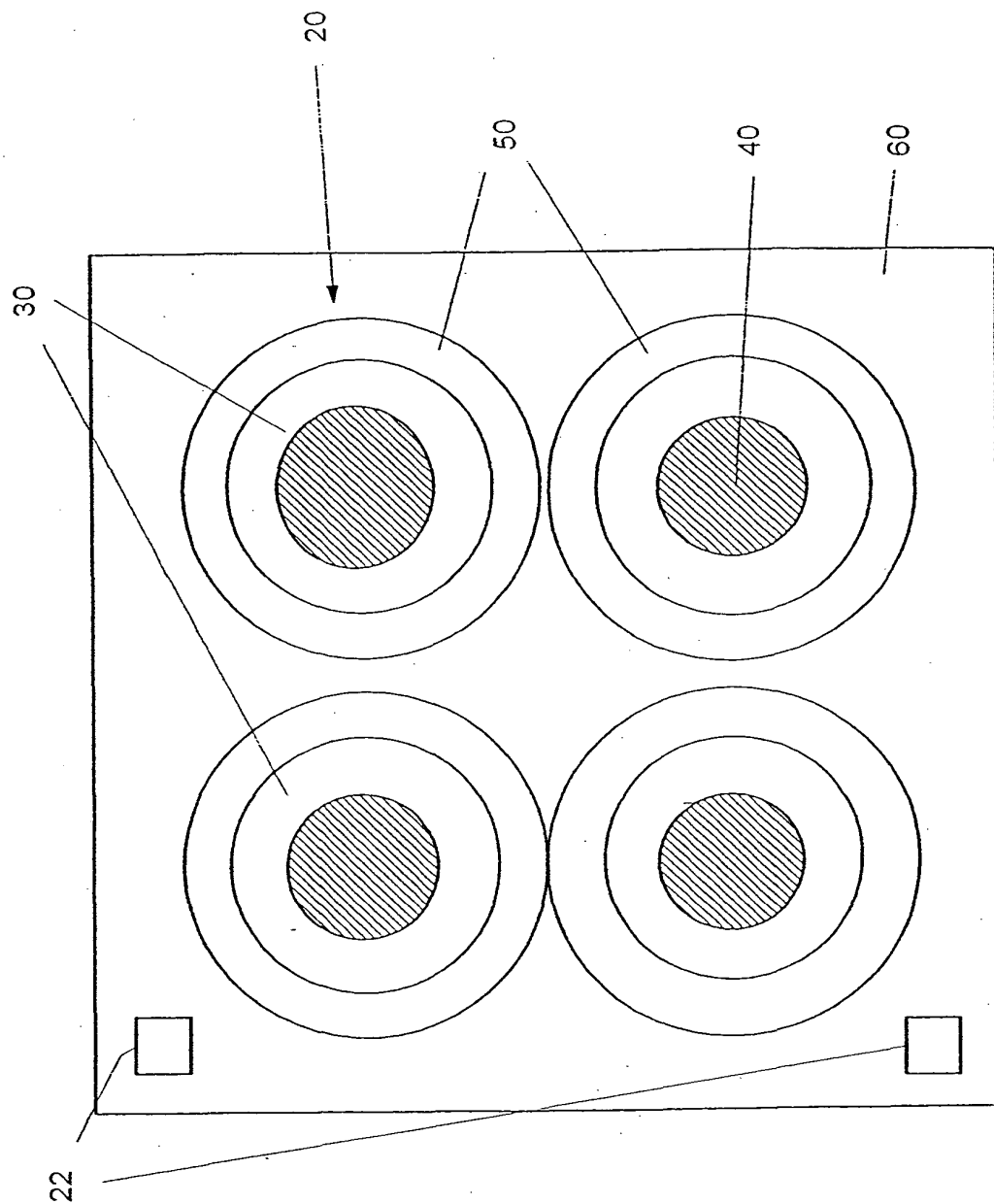
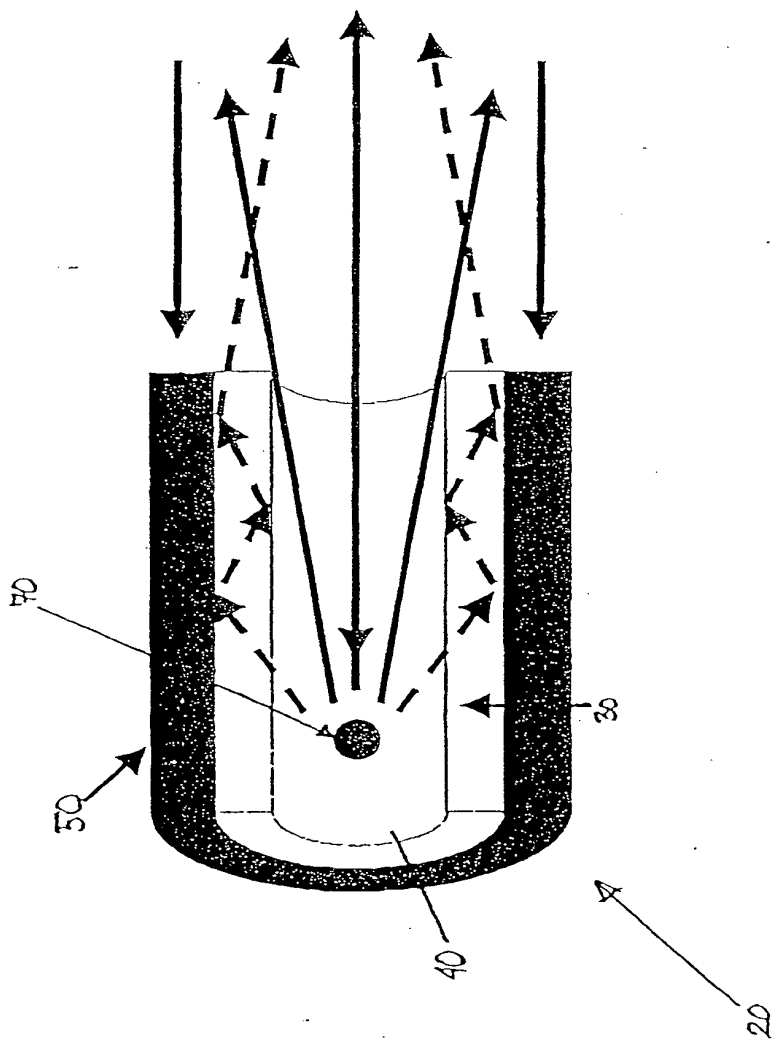


FIG. 7

Figure 8



09975036-101001

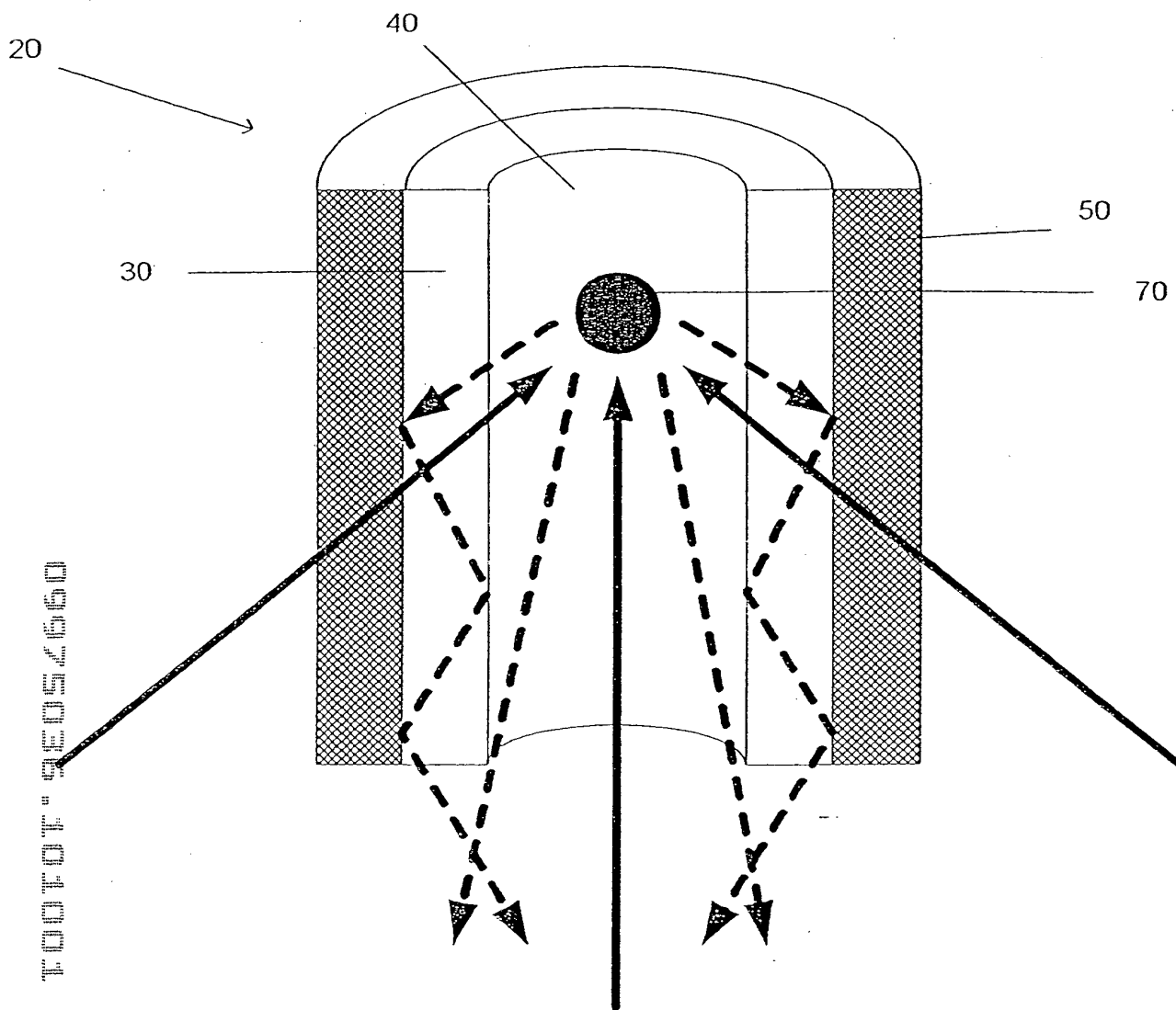
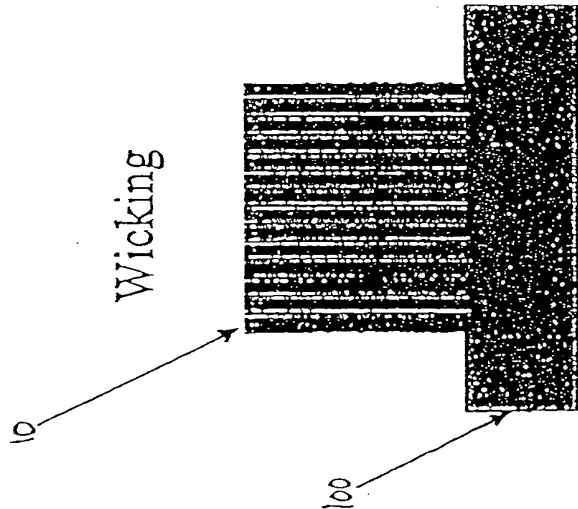
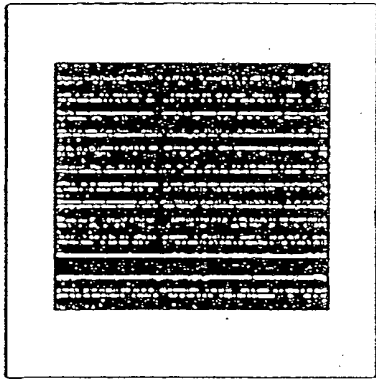


Figure
9



Humidified Incubation



Imaging & Recovery



Figure 10

FOOT-REFLECTOR
evaporation

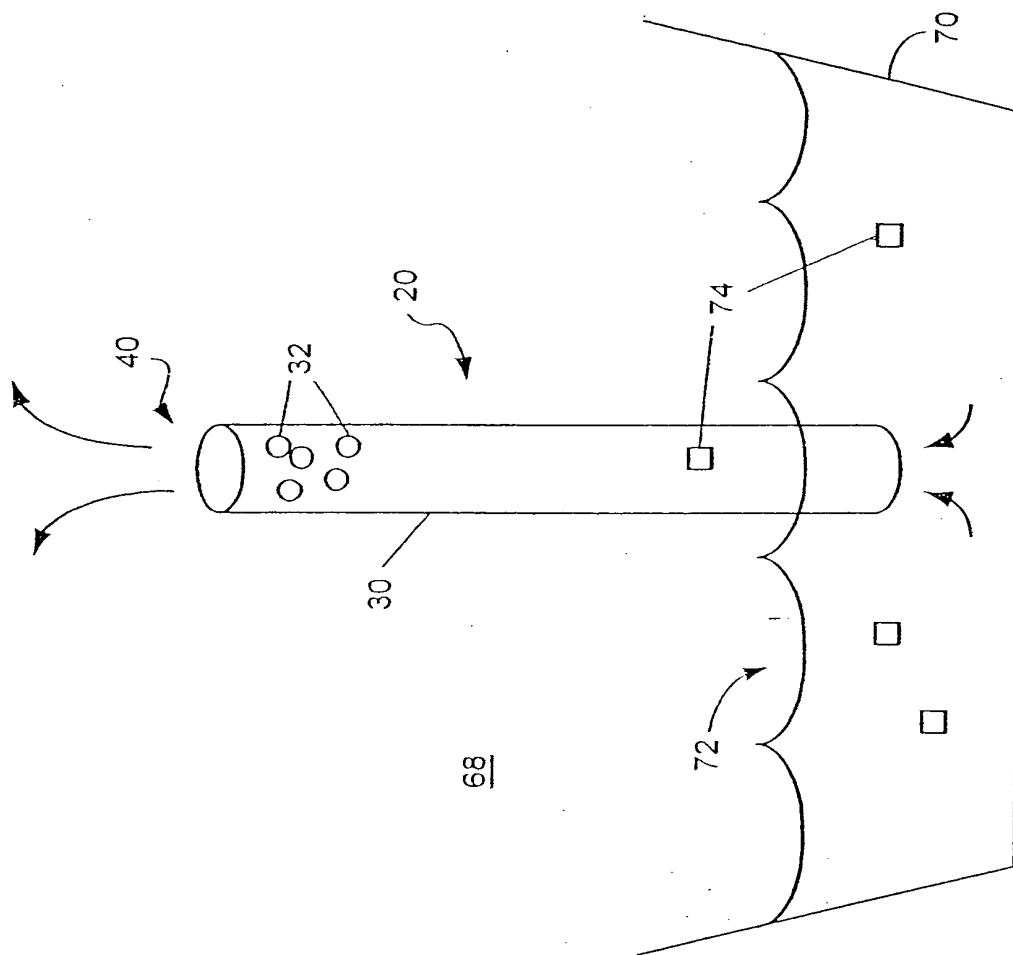


Figure
11

FIG. 12A

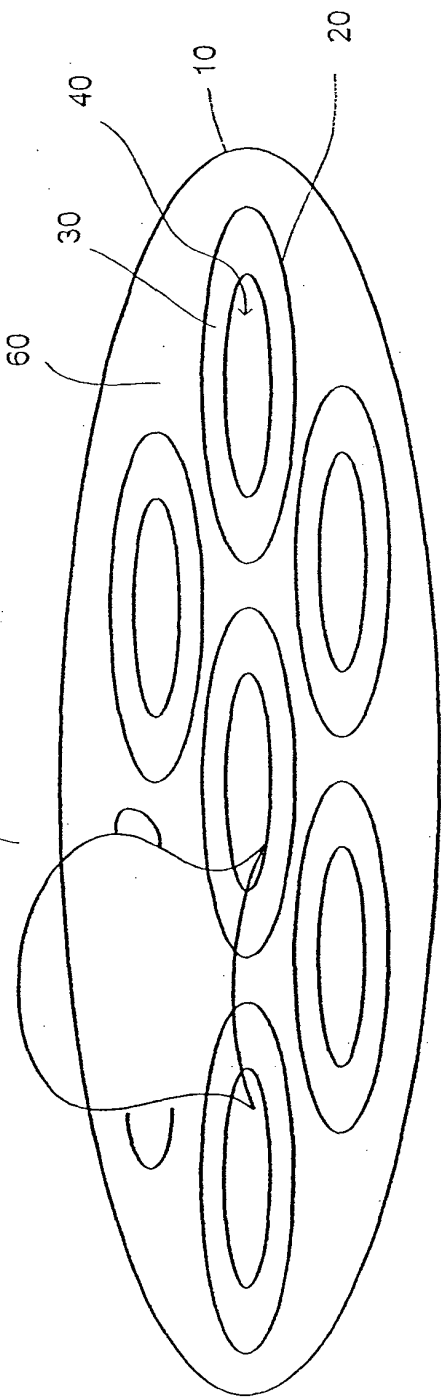


Figure 12A

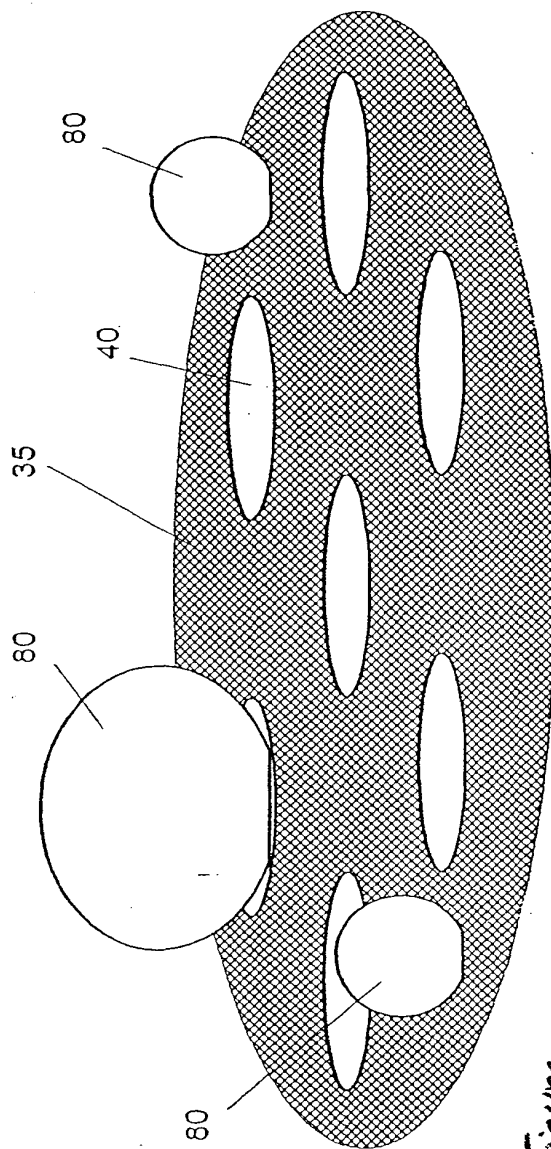
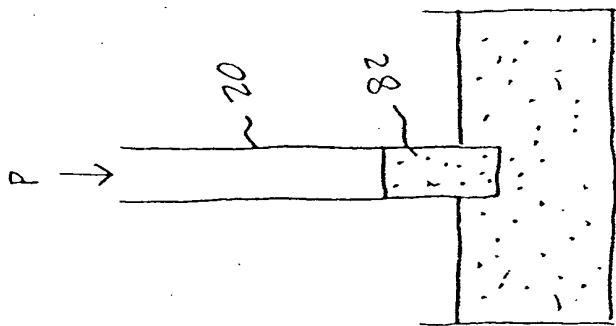
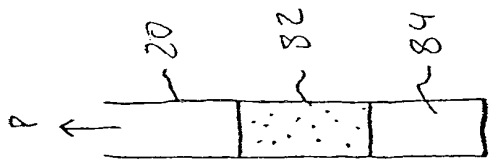


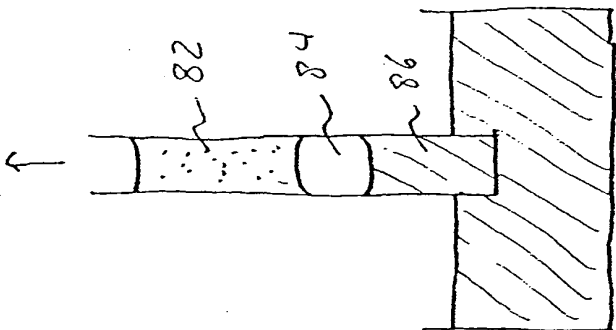
Figure 12B



A.



B.



C.

Figure 13

FOOTPRINT SEOS/660

Capillary array.

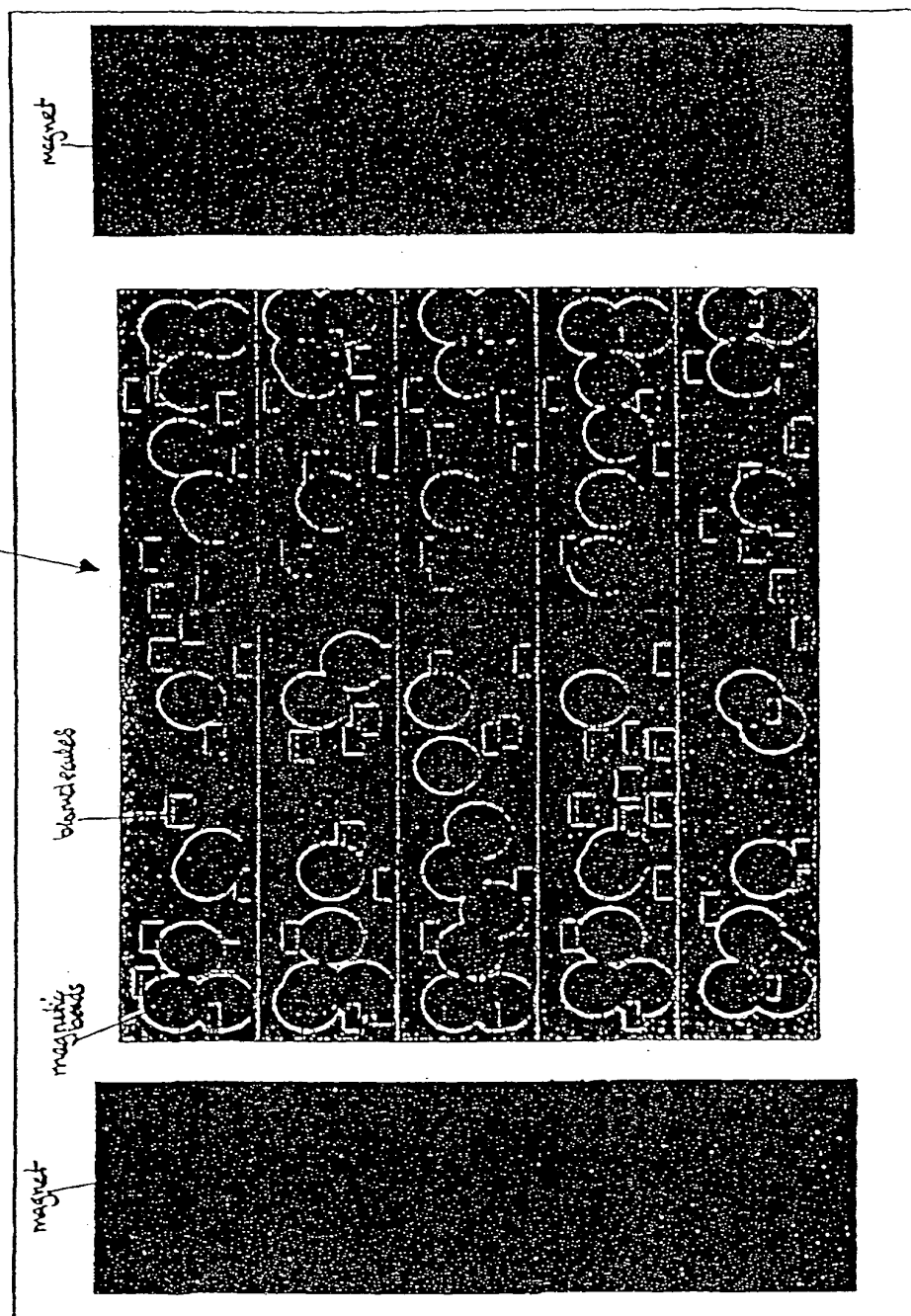


Figure
14A

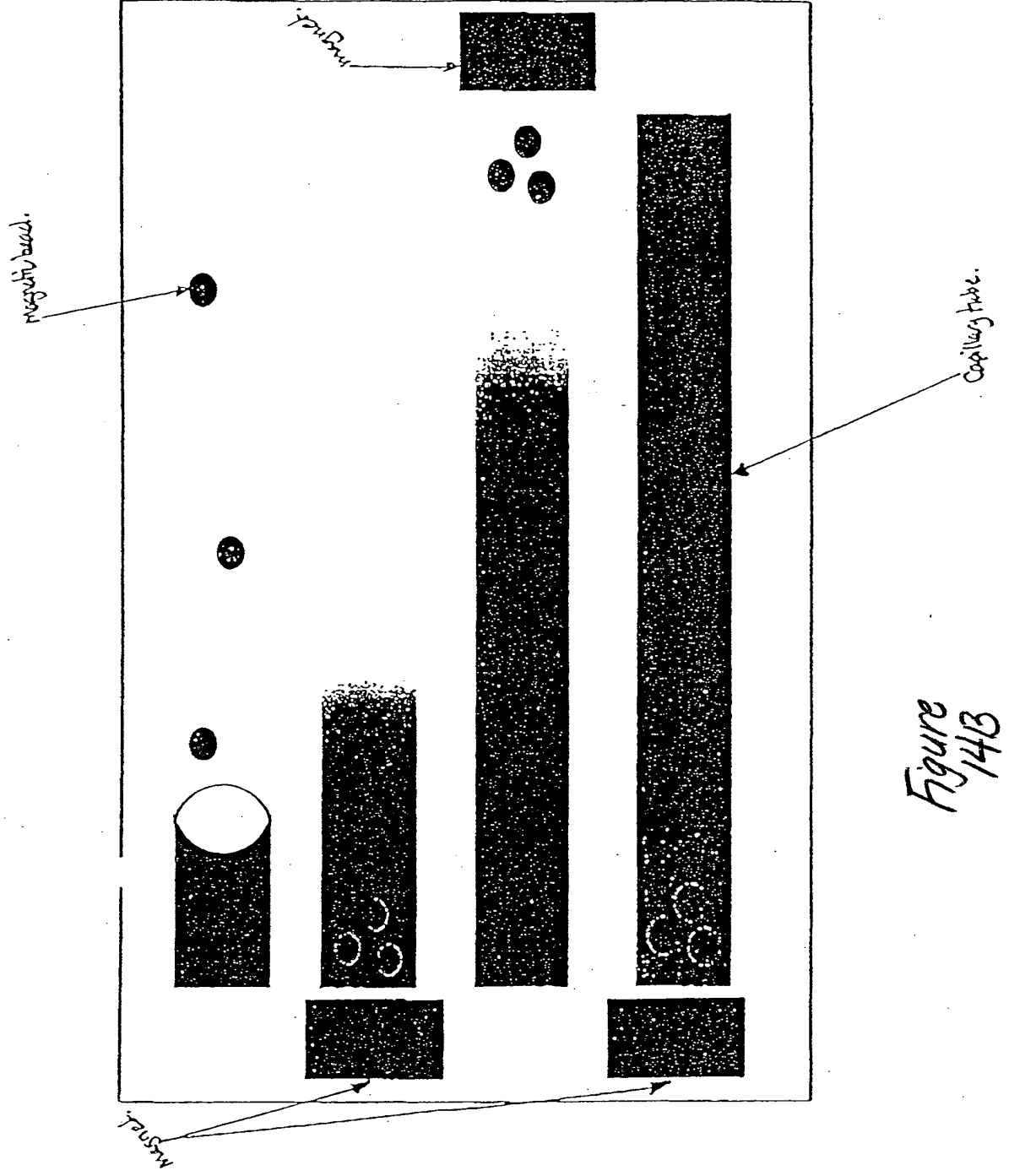


Figure
14B

09975036-101001

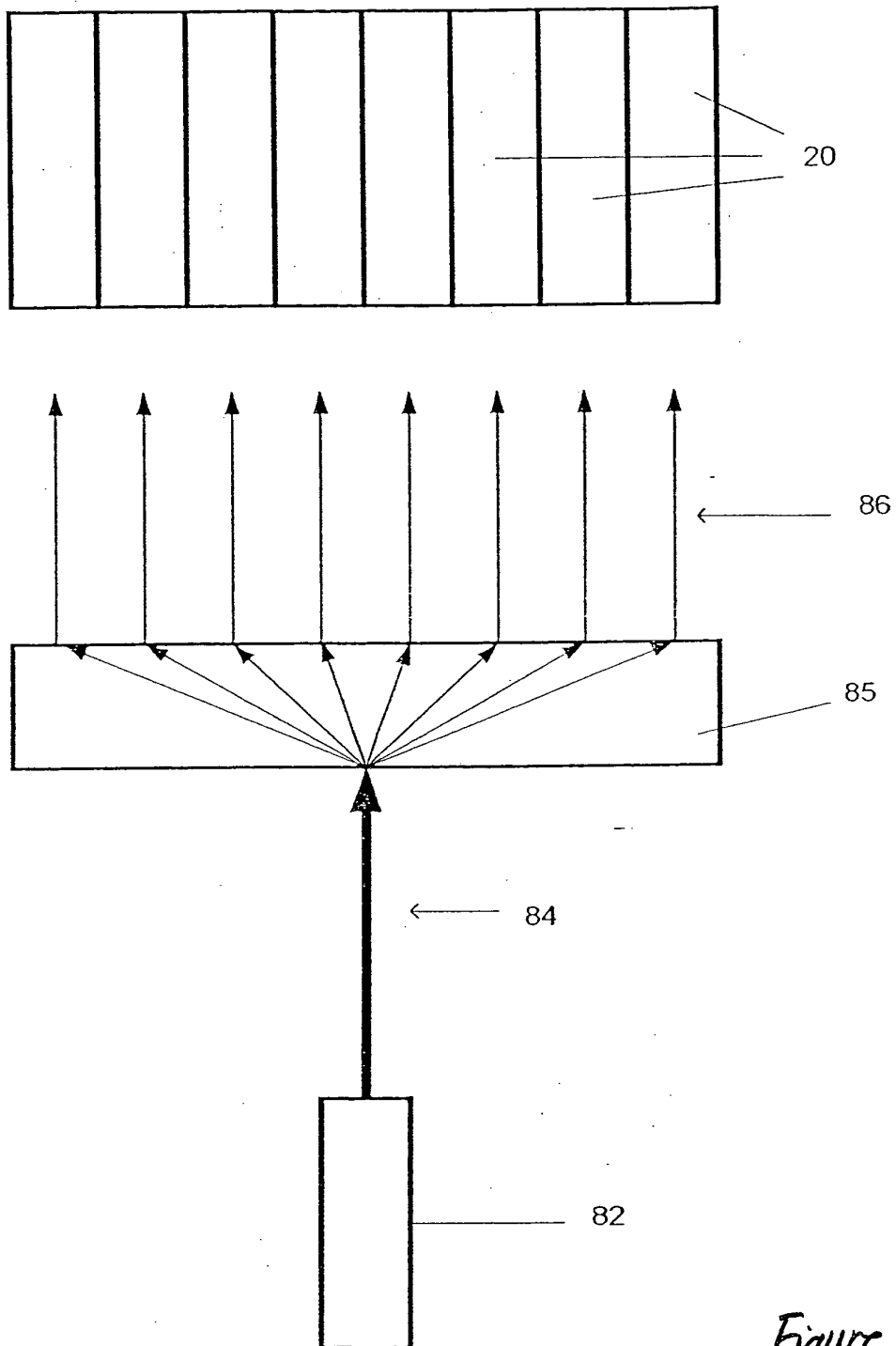


Figure
15

Automated HRI Detection & Recovery System

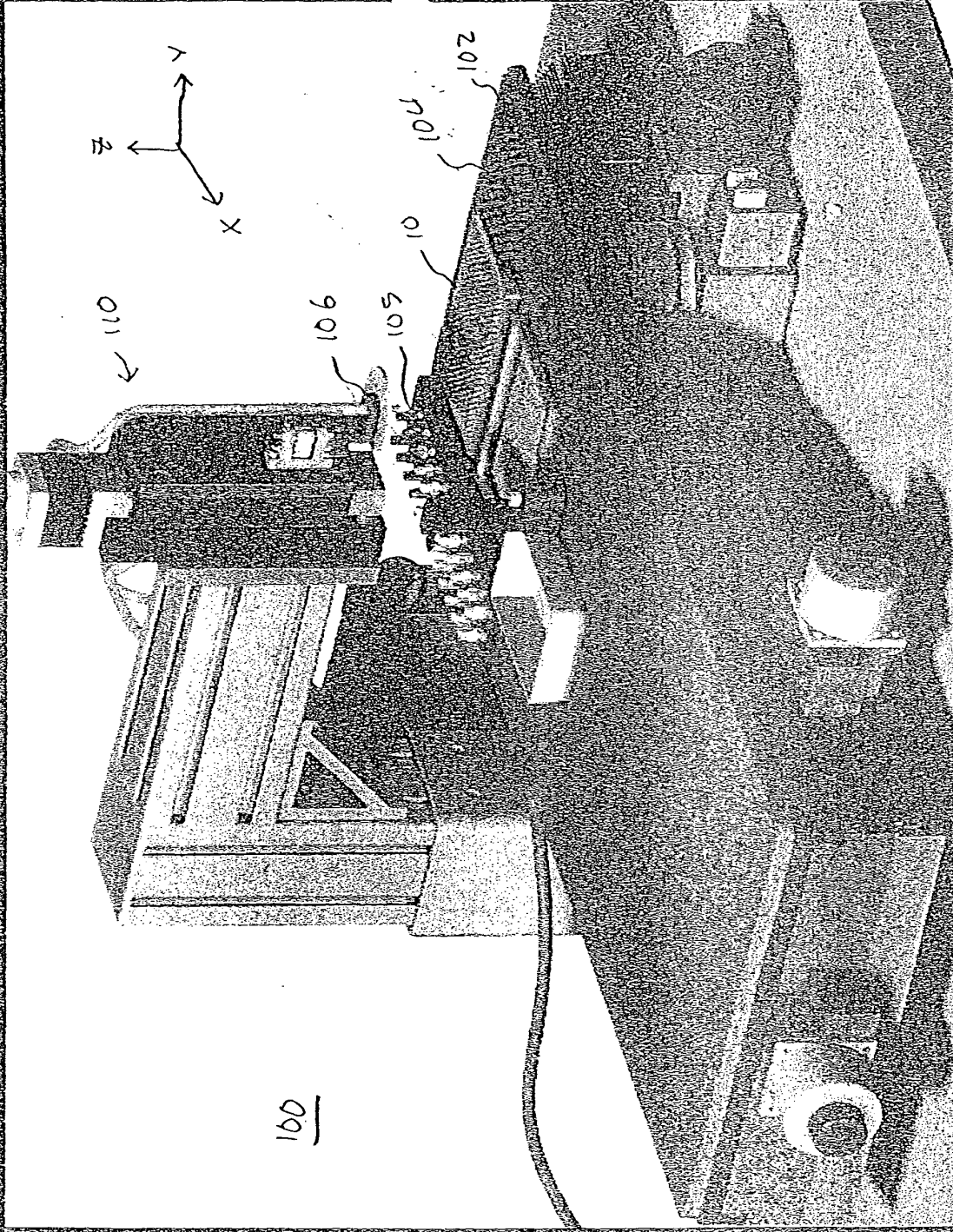
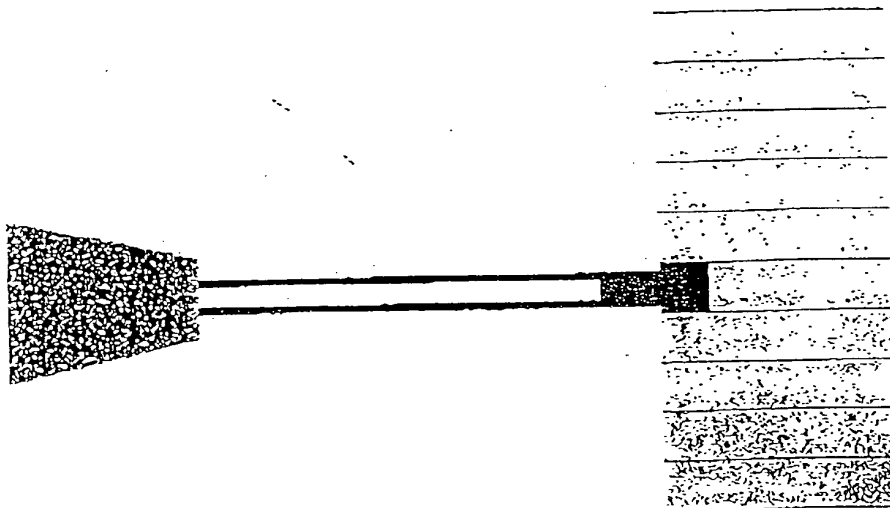


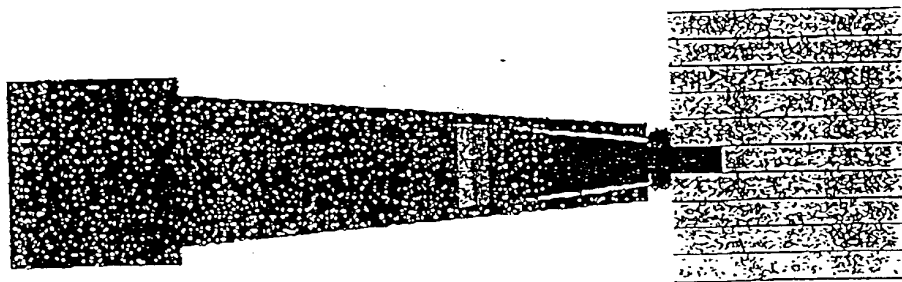
Figure 10

09975036-10101



B

Figure
17



A

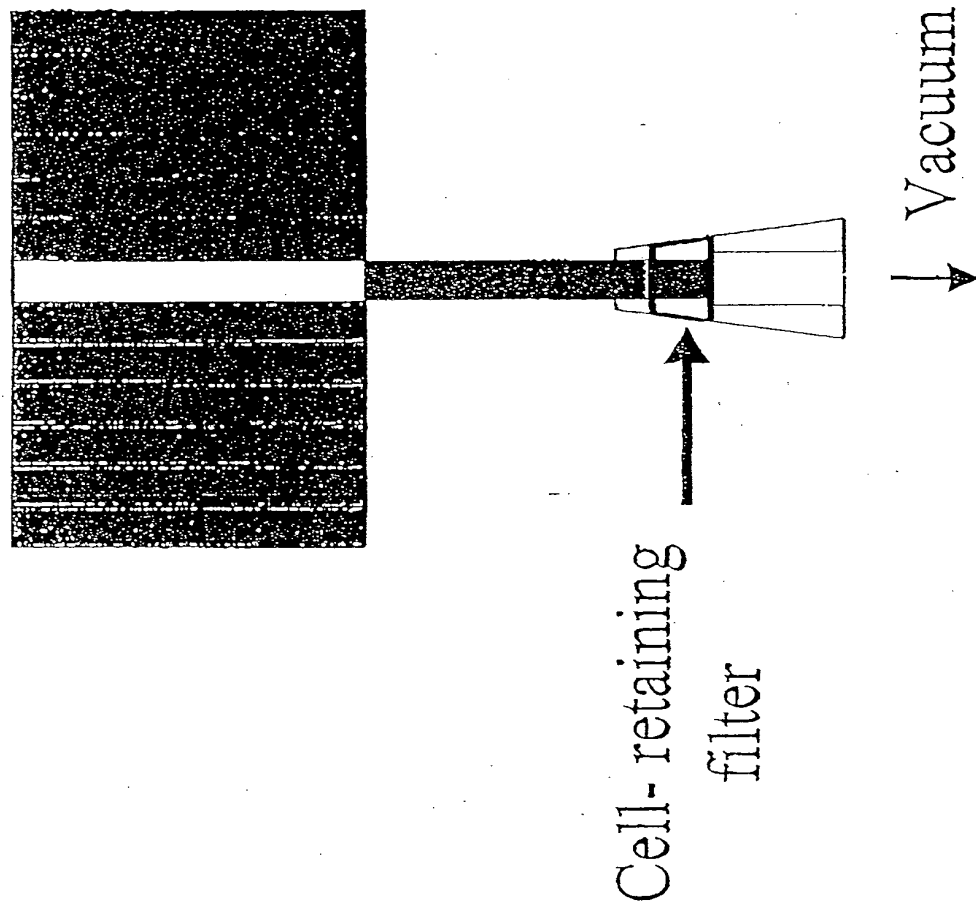


Figure
17C

099715036 101001

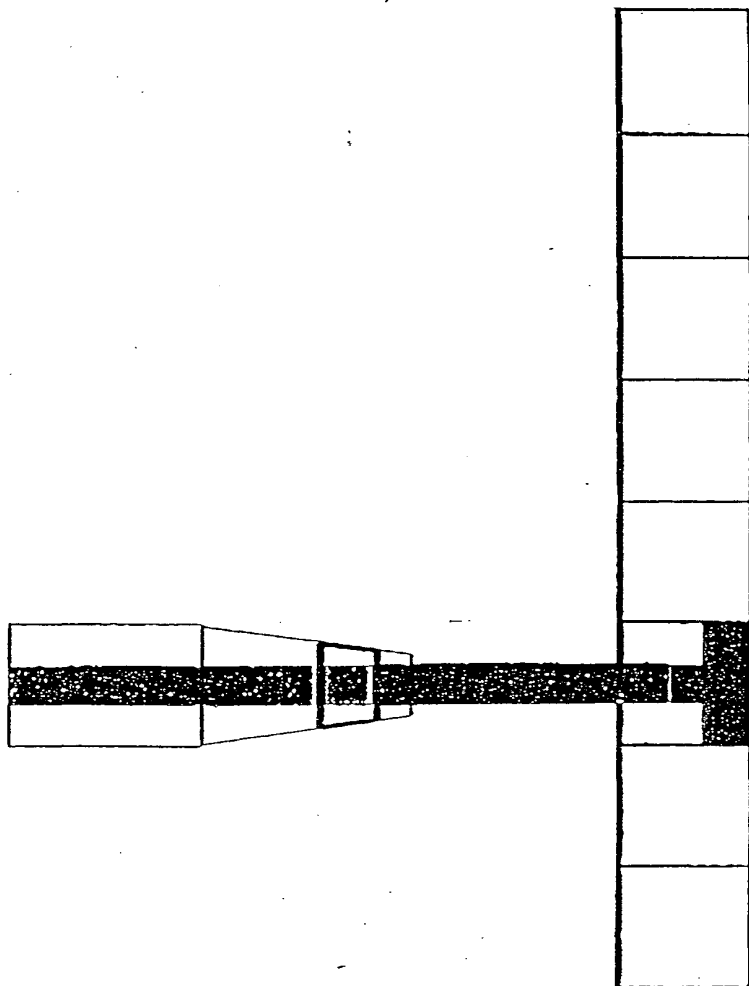


Figure
17D

HTP Enrichment of Low Copy Gene Targets

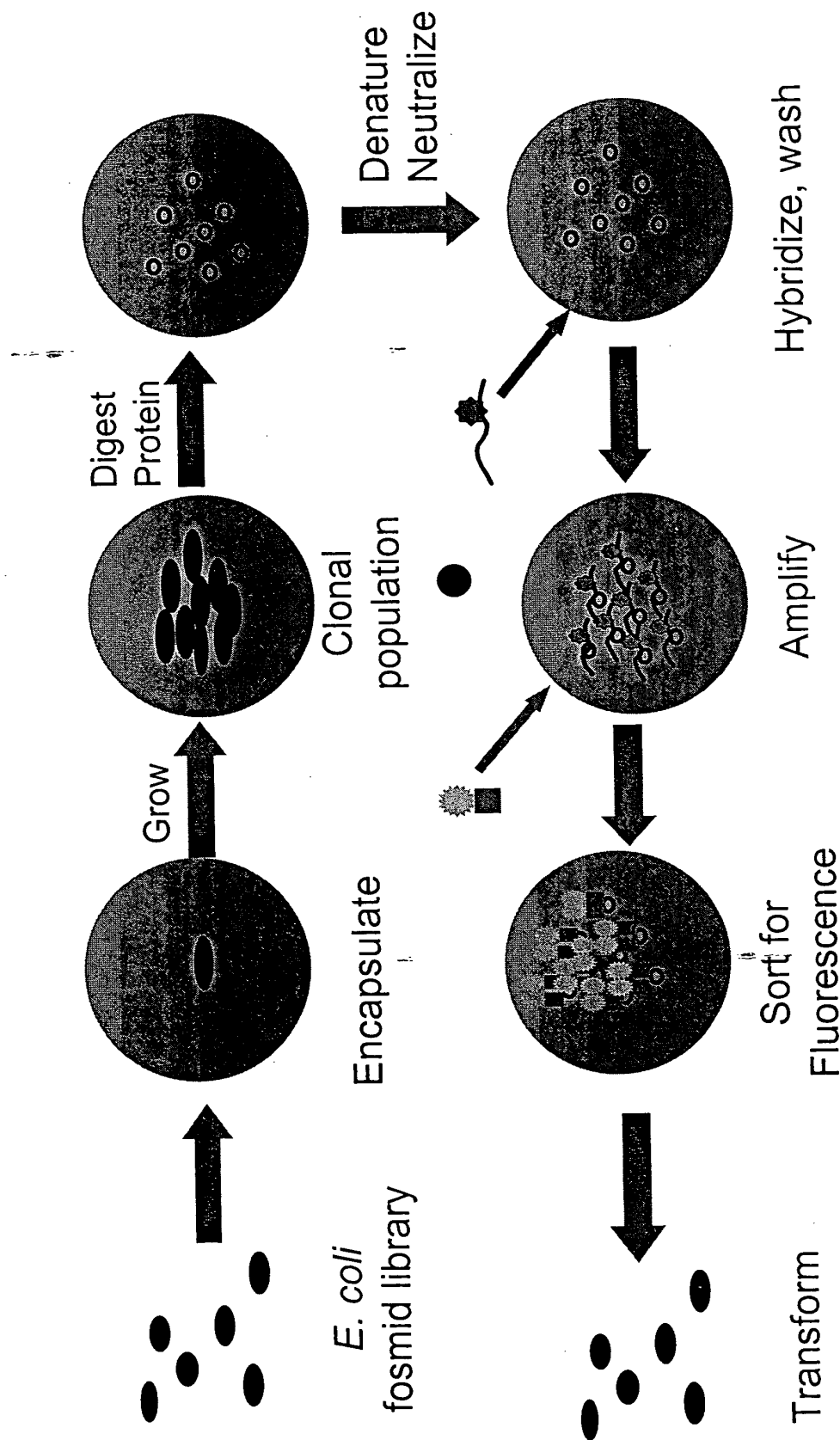
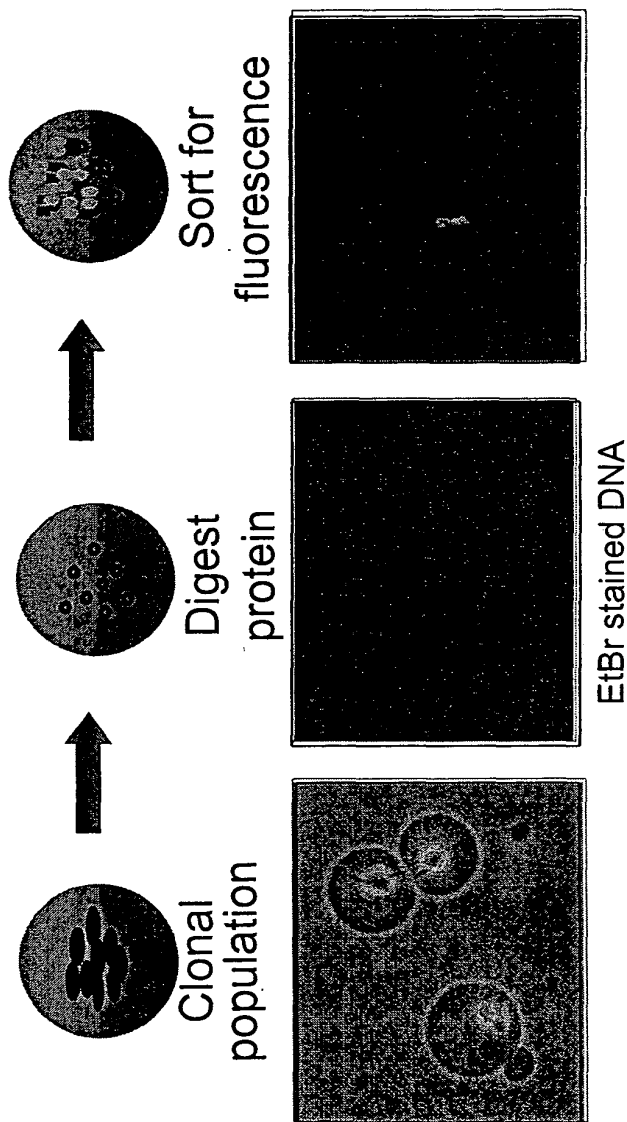


FIG. 18

FACS-Biopanning



STGCTSGLDVGYAVQLIREGSADVLAGAADTVSPVIVACFDIAKATPENDDPEHA
VSTGCTSGLDVGYAFHTIEGSDADVCIAGASDPSIPITMACFDIAKATSPNNDDPEHA
VSTGCTSGLDVGYAYAHNAIEGSDADVCLAGASDPSIPITMACFDIAKATSPESNDPEHA
VSACTSGIDSTGYACELIREGTVDAWVAGGVDAPIABITVACTDAIRATSDHNTPEHA
IATACTSGVHNIGHAARTIAYGDDADVAGCAEKASTPLDVGGFGAARALSTVNDPECAA
SRPFDGTENGTVLAEGCAAMFVLEEYEAARKKRGAKIYAEVGGYATSCNAYHMTNKKLGORE
SRFTDAHDCSTMGCEGAAVLVLELEHARARGAHVYCEIGGYATFENAHMTNLTGCELE
SRFPDARNGFVNGEGGAVLVLELEHARARGADVYCEIGGYATFENAHMTNLTGCELE
SRPFSKNGFVLGEGGAVLVLEEAEEAVRGARIYAEIGGYASRGNAYHMTGHRADGAE
SRPMDKREDFVLGDSAGMLVLEEYEHAKKRGAKIYAEVDGFFGSSDAYHMTGIPKNGAG
MAEAIKRALDEA
MAFAIDYVAIDHA
MARAIIDTALDMA
MAAIIITAIIDEA
AALAMANAALDA

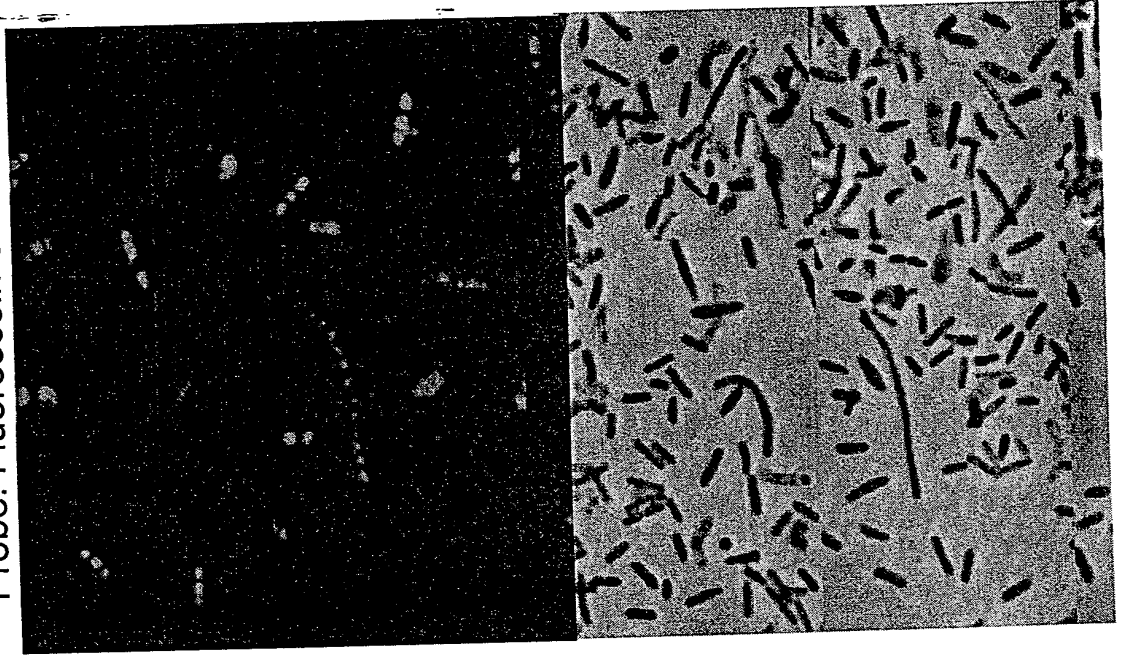
Alignment of Environmental
PKS Sequence

FIG. 19

TOOTOT 9E0S2660

Whole Cell Hybridization

Library 557 + 95ES11 clone
Probe: Fluorescein-95ES11



Fluorescein
Excitation

White
light

FIG. 20

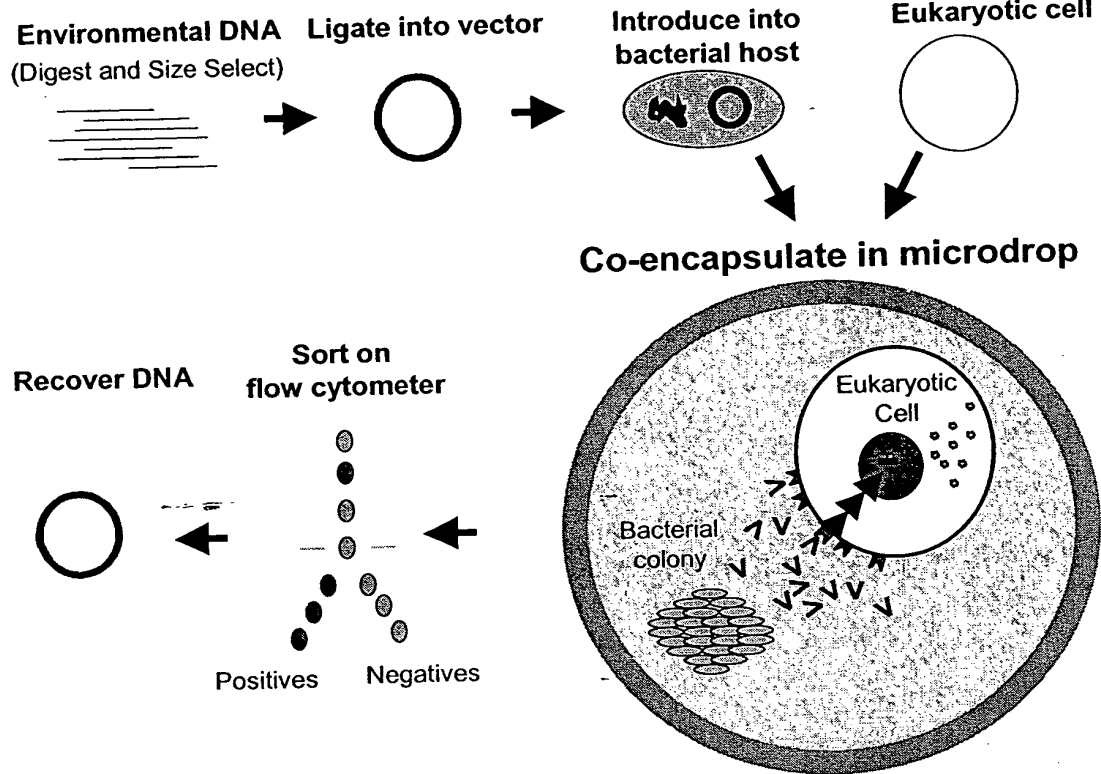


FIG. 21

09975036-101001

Whole Cell Hybridization Protocol

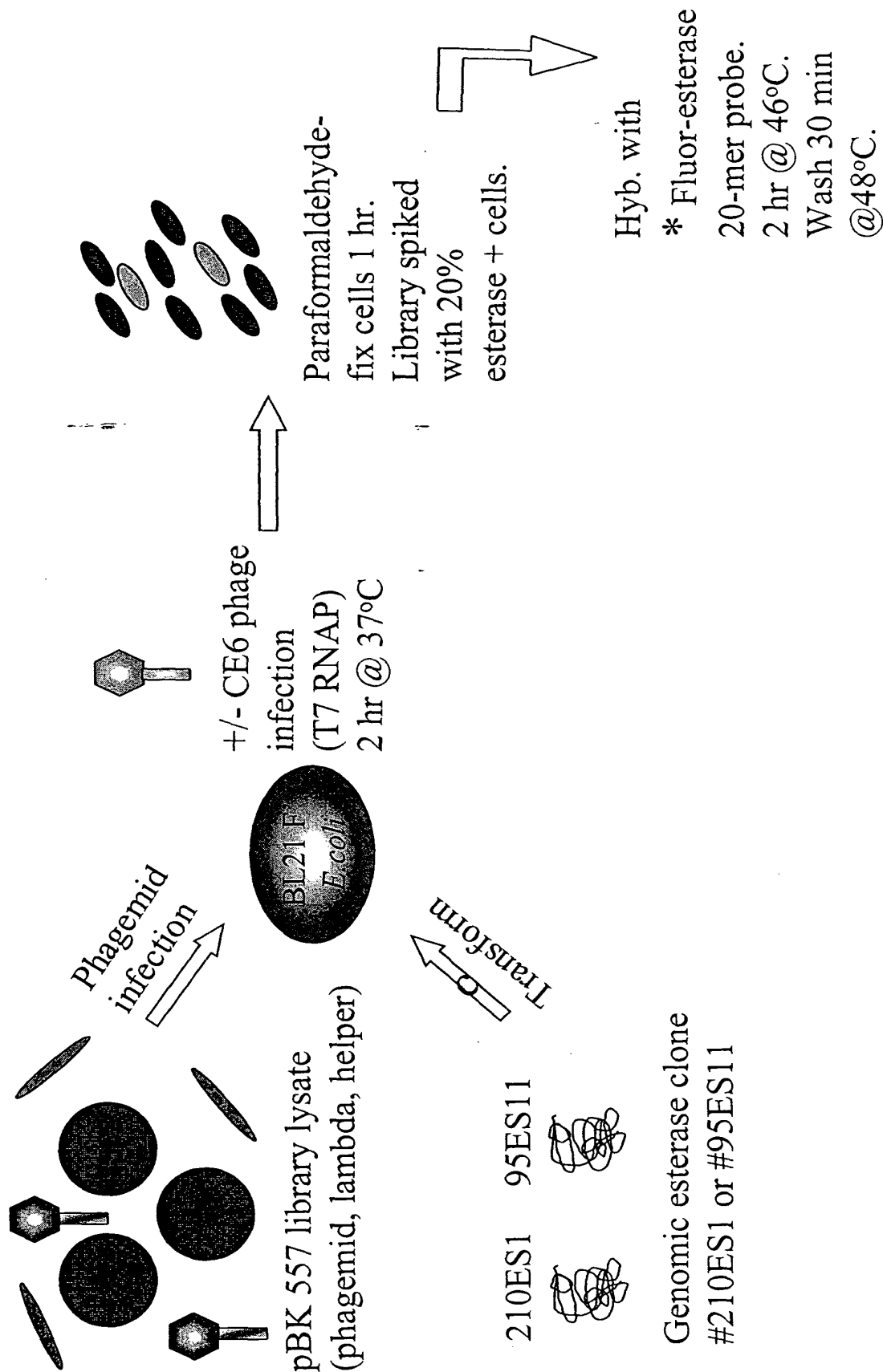


FIG. 22

T7 RNA Polymerase Expression System

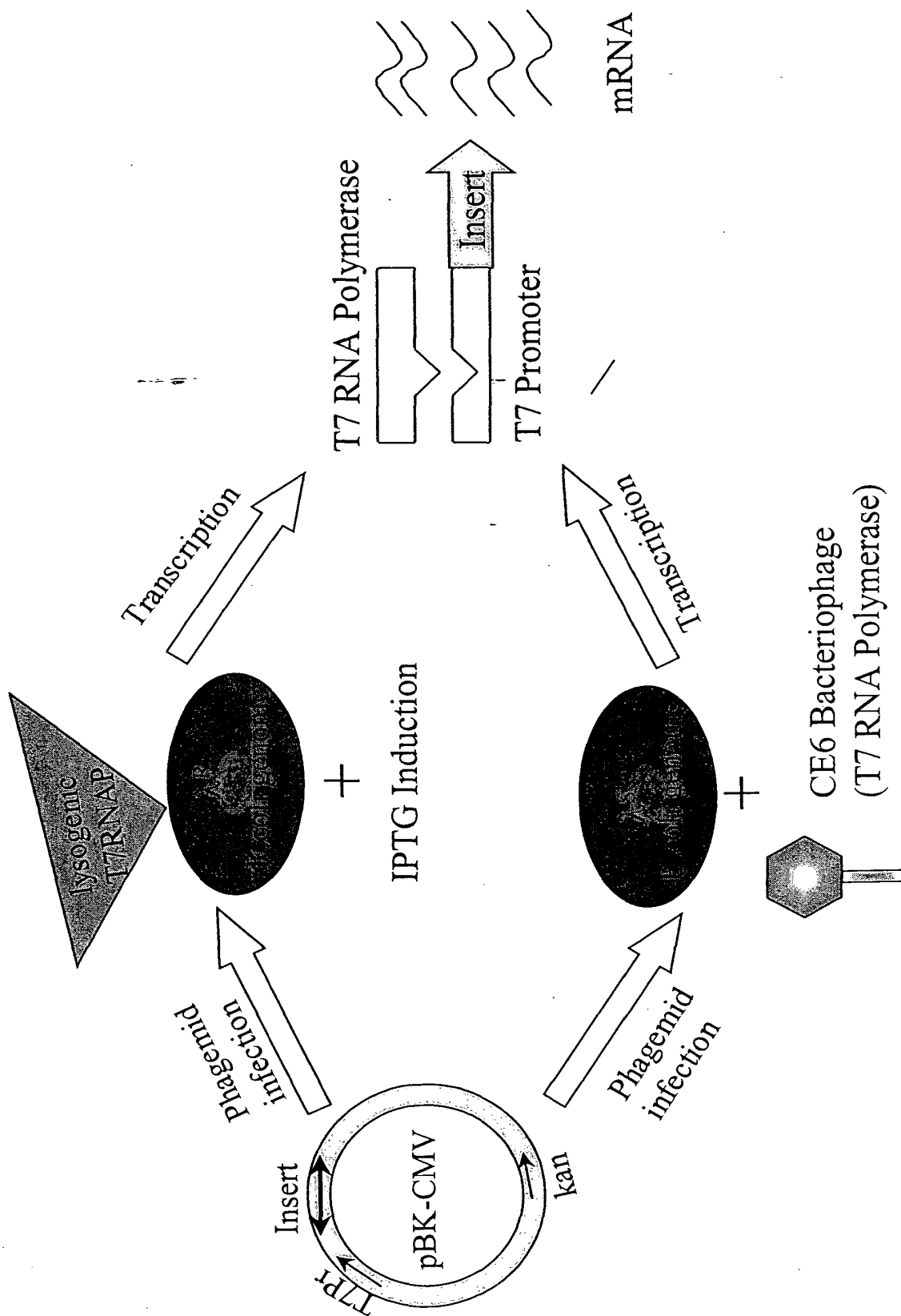


FIG. 23